



NITFS Compliance Registration



Product: Active Earthscape Increment 3 Version 2.1

Sponsor: NGA St. Louis

Developer: Harris Corporation

Date: 12 FEB 2010

Expiration: 11 FEB 2012

Registration #: 1039

☐ Initial Registration
☐ Supplemental/Update #
☒ Derived from Reg. #35

☒ **System**
N-0105/98, §4.1.1

NITFS Features Implemented:

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Other
Interpret							
Generate							

☐ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

Format

- ☒ NITF
☐ 2.1
☐ 2.0
☐ 1.1
☐ NSIF
☐ 1.0

Pixel Value Types

- ☐ Boolean
☒ Integer
☐ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Annotation Segment Types

- ☐ Bit Mapped **
☐ CGM, 2301
☐ CGM, 2301A
☐ Labels **

Text Segments

- ☐ TA
☐ TT1
☐ U8S
☐ MTF

Image Segment Types

- ☒ MONO
☐ RGB
☐ RGB/LUT
☐ YCbCr
☒ MULTI
☐ NO DISPLY
☐ POLAR

Image Compression

- ☒ No compression
☐ JPEG Lossy, 8-bit
☐ JPEG Lossy, 12-bit
☐ JPEG Downsample
☐ JPEG Lossless
☒ JPEG 2000
☐ Bi-Level
☐ Vector Quantization

Data Extension Segments

- ☐ TRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☐ Controlled Extensions **
☐ Registered Extensions **

Tagged Record Extensions

- ☒ ISTOA
☒ KLRA
☒ RODHA
☒ IAIMC
☒ APC00B
☒ TDIDC
☒ SE00A
☒ DIGEST TREs

Configurations Tested:

Legend
Interpret
Generate
☒ Fully implemented
☐ Partially implemented
☐ Not implemented

VALERIE BAKER, Lt Col, USAF, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
the product for the intended use. Optional NITFS features may not be implemented.